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**To:** United States Patent & Trademark Office **From:** Anthony N. Fresco  
Art Unit: 2871

**Fax:** (703) 872-9306**Pages:** 110 Pages (including cover sheet)**Phone:****Date:** 5/18/2004**Re:** Makoto Watanabe, et al.

Serial No.: 09/364,423

**CC:**

Art Unit: 2871

Our Docket: 12854

☐ **Urgent**    ☐ **For Review**    ☐ **Please Comment**    ☐ **Please Reply**    ☐ **Please Recycle**

**• Comments:****Enclosed:**

- Certificate of Transmission by Facsimile
- Amendment Transmittal Letter (in duplicate)
- Second Response After Final Rejection under 1.116 (15 pages)
- Petition for Extension of Time Transmittal (in duplicate)
- Verification of Translation (3 pages)
- Specification (56 pages)
- Abstract (2 pages)
- Drawings (28 pages)

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**CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)**Applicant(s): **Makoto Watanabe, et al.**

Docket No.

12854

Serial No.

09/364,423

Filing Date

July 30, 1999

Examiner

D.T. Nguyen

Group Art Unit

2871

Invention: **LIQUID CRYSTAL DISPLAY DEVICE**I hereby certify that this Second Response After Final Rejection Under 37 C.F.R. 1.116

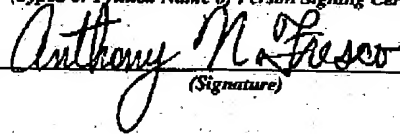
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(Signature)

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|   |                                     |                                |                                |                            |                   |
|---|-------------------------------------|--------------------------------|--------------------------------|----------------------------|-------------------|
| <b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>  |                                     |                                |                                | Docket No.<br><b>12854</b> |                   |
| Applicant(s): <b>Makoto Watanabe, et al.</b>  |                                     |                                |                                |                            |                   |
| Serial No.<br><b>09/364,423</b>   | Filing Date<br><b>July 30, 1999</b> | Examiner<br><b>D.T. Nguyen</b> | Group Art Unit<br><b>2871</b>  |                            |                   |
| Invention: <b>LIQUID CRYSTAL DISPLAY DEVICE</b>   |                                     |                                |                                |                            |                   |
| <u><b>TO THE COMMISSIONER FOR PATENTS:</b></u>  |                                     |                                |                                |                            |                   |
| Transmitted herewith is an amendment in the above-identified application.<br>The fee has been calculated and is transmitted as shown below.   |                                     |                                |                                |                            |                   |
| <b>CLAIMS AS AMENDED</b>  |                                     |                                |                                |                            |                   |
|   | CLAIMS REMAINING<br>AFTER AMENDMENT | HIGHEST #<br>PREV. PAID FOR    | NUMBER EXTRA<br>CLAIMS PRESENT | RATE                       | ADDITIONAL<br>FEE |
| TOTAL CLAIMS  | 27 -                                | 27 =                           | 0 x                            | \$18.00                    | \$0.00            |
| INDEP. CLAIMS   | 2 -                                 | 3 =                            | 0 x                            | \$86.00                    | \$0.00            |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/>  |                                     |                                |                                |                            | \$0.00            |
| <b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>  |                                     |                                |                                |                            | <b>\$0.00</b>     |
| <p><input checked="" type="checkbox"/> No additional fee is required for amendment.</p> <p><input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____</p> <p><input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.</p> <p><input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. <b>19-1013/SSMP</b></p> <p><input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.</p> <p><input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.</p> |                                     |                                |                                |                            |                   |
| <br>Signature  |                                     |                                | Dated: <b>May 18, 2004</b>     |                            |                   |
| <b>Anthony N. Fresco</b><br>Registration No. 45,784<br><br><b>Scully, Scott, Murphy &amp; Presser</b><br>400 Garden City Plaza<br>Garden City, New York 11530<br>(516) 742-4343/4366 Fax  |                                     |                                |                                |                            |                   |
| <div style="display: flex; justify-content: space-between;"> <div>         ANF:yd<br/>cc:       </div> <div style="border: 1px solid black; padding: 5px; width: 80%;"> <p>I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p> <p style="text-align: center;">_____<br/>Signature of Person Mailing Correspondence</p> <p style="text-align: center;">_____<br/>Typed or Printed Name of Person Mailing Correspondence</p> </div> </div>  |                                     |                                |                                |                            |                   |

|  |                                     |                             |   |                            |                   |
|--|-------------------------------------|-----------------------------|---|----------------------------|-------------------|
| <b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>   |                                     |                             |   | <b>Docket No.</b><br>12854 |                   |
| Applicant(s): Makoto Watanab , et al.  |                                     |                             |   |                            |                   |
| Serial No.<br>09/364,423   | Filing Date<br>July 30, 1999        | Examiner<br>D.T. Nguyen     |   | Group Art Unit<br>2871     |                   |
| Invention: <b>LIQUID CRYSTAL DISPLAY DEVICE</b>  |                                     |                             |   |                            |                   |
| <b><u>TO THE COMMISSIONER FOR PATENTS:</u></b>   |                                     |                             |   |                            |                   |
| Transmitted herewith is an amendment in the above-identified application.<br>The fee has been calculated and is transmitted as shown below.  |                                     |                             |   |                            |                   |
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| TOTAL CLAIMS   | 27 -                                | 27 =                        | 0 x   | \$18.00                    | \$0.00            |
| INDEP. CLAIMS  | 2 -                                 | 3 =                         | 0 x   | \$86.00                    | \$0.00            |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/>   |                                     |                             |   |                            | \$0.00            |
| <b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>   |                                     |                             |   |                            | <b>\$0.00</b>     |
| <br><input checked="" type="checkbox"/> No additional fee is required for amendment.<br><input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____<br><input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.<br><input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. <b>19-1013/SSMP</b><br><input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.<br><input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. |                                     |                             |   |                            |                   |
| <br>Signature   |                                     |                             | Dated: May 18, 2004   |                            |                   |
| Anthony N. Fresco<br>Registration No. 45,784<br><br>Scully, Scott, Murphy & Presser<br>400 Garden City Plaza<br>Garden City, New York 11530<br>(516) 742-4343/4366 Fax   |                                     |                             |   |                            |                   |
| ANF:ydl<br>cc:   |                                     |                             | <div style="border: 1px solid black; padding: 2px;">I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">Signature of Person Mailing Correspondence</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">Typed or Printed Name of Person Mailing Correspondence</div> |                            |                   |

09/364,423

Second Reply to Final Rejection f September 10, 2003

Reply dated May 18, 2004

**SECOND RESPONSE UNDER 37 C.F.R. § 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP 2871**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Makoto Watanabe et al.

Examiner: D.T. Nguyen

Serial No: 09/364,423

Art Unit: 2871

Filed: July 30, 1999

Docket: 12854

For: LIQUID CRYSTAL  
DISPLAY DEVICE

Dated: May 18, 2004

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Commissioner for Patents  
United States Patent and Trademark Office  
P.O. Box 1450, Alexandria, VA 22313-1450

**SECOND RESPONSE AFTER FINAL REJECTION  
UNDER 37 C.F.R. §1.116**

**OFFICIAL**

Sir:

In response to the Final Office Action dated September 10, 2003,  
and subsequent to the Response After Final Rejection Under 37 C.F.R. 1.116 filed  
on February 9, 2004, the Combined Notice of Appeal and Petition for Extension of  
Time Under 37 C.F.R. 1.136(a) filed on March 12, 2004 and the Advisory Action  
mailed on April 1, 2004, the applicants respectfully request consideration of the  
following remarks in the above-identified case:

**CERTIFICATION OF FACSIMILE TRANSMISSION**

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and Trademark Office on the date shown below. (703) 872-9306

Dated: May 18, 2004

*Anthony N. Fresco*  
Anthony N. Fresco